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Application Number	09684305
Filing Date	2000-10-06
First Named Inventor	Kaiser, et al.
Art Unit	1637
Examiner Name	Staples, M.
Attorney Docket Number	FORS-04447

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1	Hosfield, et al. "Newly Discovered Archaeobacterial Flap Endonucleases Show a Structure-Specific Mechanism for DNA Substrate Binding and Catalysis Resembling Human Flap Endonuclease-1" J. Biol. Chem., 1998, Vol. 273, No. 42, pp. 27154-61	<input type="checkbox"/>
2	Hosfield, et al. "Structure of the DNA Repair and Replication Endonuclease and Exonuclease FEN-1: Coupling DNA and PCNA Binding to FEN-1 Activity" Cell 95:135-146 (1996)	<input type="checkbox"/>
3	Huang, et al. "Role of Calf RTH-1 Nuclease in Removal of 5'-Ribonucleotides during Okazaki Fragment Processing," Biochemistry 35:9266-9277 (1996)	<input type="checkbox"/>
4	Hwang, et al. "The crystal structure of flap endonuclease-1 from Methanococcus jannaschii," Nature Structural Biology 5:707-713 (1998)	<input type="checkbox"/>
5	Inchauspe, et al. "Use of Conserved Sequences from Hepatitis C Virus for the Detection of Viral RNA in Infected Sera by Polymerase Chain Reaction," Hepatology 14:595-600 (1991)	<input type="checkbox"/>
6	Ito, et al. "Compilation and alignment of DNA polymerase sequences," Nucl. Acids Res. 19:4045-4057 (1991)	<input type="checkbox"/>
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8	Kaledin, et al. "Isolation and Properties of DNA Polymerase From the Extremely Thermophilic Bacterium Thermus flavus," Biokhimiya 46(9):1576-1584 (1981)	<input type="checkbox"/>
9	Kim, et al. "Crystal structure of Thermus aquaticus DNA polymerase," Nature 376:612-616 (1995)	<input type="checkbox"/>
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12	Kotler, et al. "DNA sequencing: Modular primers assembled from a library of hexamers or pentamers," Proc. Natl. Acad. Sci. USA 90:4241-4245 (1993)	<input type="checkbox"/>
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15	Laemmli "Cleavage of Structural proteins during the Assembly of the Head of Bacteriophage T4," Nature 277:680-685 (1970)	<input type="checkbox"/>
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19	Leirimo, et al. "Replacement of Potassium Chloride by Potassium Glutamate Dramatically Enhances Protein-DNA Interactions in Vitro," Biochem. 26:2095-2101 (1987)	<input type="checkbox"/>
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21	Lieber "The FEN-1 family of structure-specific nucleases in eukaryotic DNA replication, recombination and repair" BioEssays 19:233-240 (1997)	<input type="checkbox"/>
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23	Lindahl, et al. "Heat-Induced Depyrimidination of Deoxyribonucleic Acid in Neutral Solution," Biochem. 12:5151-5154 (1973)	<input type="checkbox"/>
24	Longley, et al. "Characterization of the 5' to 3' exonuclease associated with Thermus aquaticus DNA polymerase," Nucl. Acids Res. 18:7317-7322 (1990)	<input type="checkbox"/>
25	Lundquist, et al. "Transient Generation of Displaced Single Stranded DNA during Nick Translation," Cell 31:53-60 No date provided.	<input type="checkbox"/>
26	Lyamichev, et al. "Polymorphism identification and quantitative detection of genomic DNA by invasive cleavage of oligonucleotide probes" NATURE BIOTECHNOLOGY, NATURE PUBLISHING, US, vol. 17, no. 3, March 1999 (1999-03), pages 292-296	<input type="checkbox"/>
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28	Marmur, et al. "Strand Separation and Specific Recombination in Deoxyribonucleic acids: Biological Studies," Proc. Natl. Acad. Sci. USA 46:453-461 (1960)	<input type="checkbox"/>
29	Mathur, et al. "The DNA polymerase gene from the hyperthermophilic marine archaebacterium Pyrococcus furiosus, shows sequence homology with α -like DNA polymerases," Nucl. Acids Res. 19:6952 (1991)	<input type="checkbox"/>
30	Mullis "The Polymerase Chain Reaction in an Anemic Mode: How to Avoid Cold Oligodeoxyribonuclear Fusion," PCR Methods Applic., 1:1-4 (1991)	<input type="checkbox"/>
31	Mullis, et al. "Specific Synthesis of DNA in Vitro via a Polymerase-Catalyzed Chain Reaction," Methods in Enzymology 155:335-350 (1987)	<input type="checkbox"/>
32	Murante, et al. "The Calf 5'- to 3'-Exonuclease Is Also an Endonuclease with Both Activities Dependent on Primers Annealed Upstream of the Point of Cleavage," J. Biol. Chem. 269:1191-1196 (1994)	<input type="checkbox"/>
33	Murante, et al. "Calf 5' to 3' Exo/Endonuclease Must Slide from a 5' End of the Substrate to Perform Structure-specific Cleavage," J. Biol. Chem. 270:30377-30383 (1995)	<input type="checkbox"/>

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34	Murray, et al. "Structural and Functional Conversation of the Human Homolog of the Schizosaccharomyces pombe rad2 gene, Which is Required for Chromosome Segregation and Recovery from DNA Damage," Molecular and Cellular Biology 14:4878-4888 (1994)	<input type="checkbox"/>
35	Myers, et al. "Reverse Transcription and DNA amplification by a Thermus thermophilus DNA Polymerase," Biochem. 30:7661-7666 (1991)	<input type="checkbox"/>
36	Nelson, et al. "A General Method of Site-Specific Mutagenesis Using a Modification of the Thermus aquaticus Polymerase Chain Reaction," Analytical Biochem. 180:147-151 (1989)	<input type="checkbox"/>
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40	Perler, et al. "Intervening sequences in an Archaea DNA polymerase gene," Proc. Natl. Acad. Sci. USA 89:5577-5581 (1992)	<input type="checkbox"/>
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45	Sambrook, et al. Molecular Cloning. A Laboratory Manual, Cold Spring Harbor Laboratory Press, Cold Spring Harbor, pp. 1.63-1.69 (1989)	<input type="checkbox"/>
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47	Setlow, et al. "Deoxyribonucleic Acid Polymerase: Two Distinct Enzymes in One Polypeptide," J. Biol. Chem. 247:232-240 (1972)	<input type="checkbox"/>
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